



NTSB National Transportation Safety Board

The Power of Collaboration

Presentation to:

INGAA Planning Meeting

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Kudos

- Delivered report to NTSB re ILI technologies, as per recommendation**
- Followed up with NTSB staff re overall management systems update**
- Proof will be in the pudding**
- Please continue to keep us apprised**

Query

- Include industry-level collaboration?
- Aviation success story – *voluntary collaboration at the industry level*

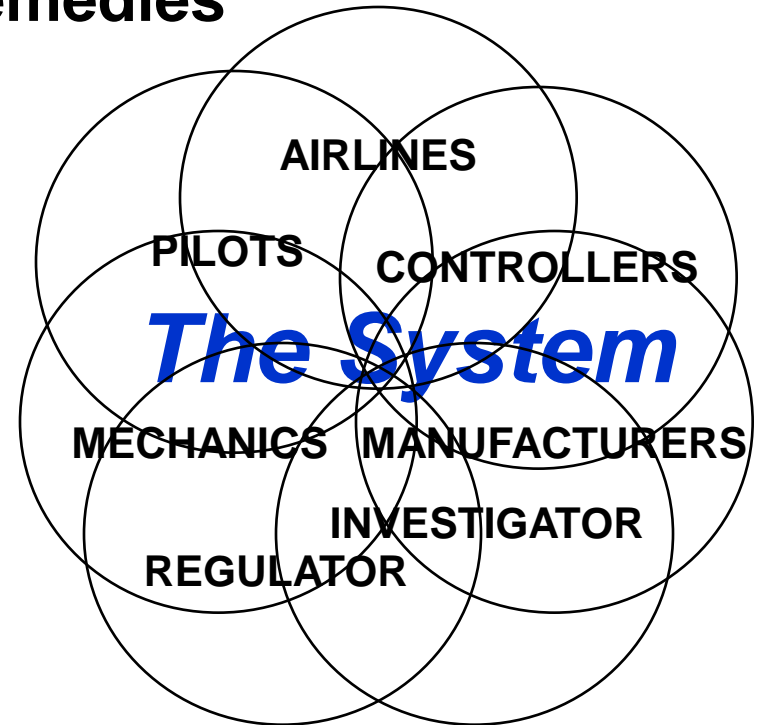
Catalyst

- Mid-1990's – fatal accident rate, after declining substantially for many years, “plateau-ed”
- Volume projected to *double* in 15-20 years
- Stuck rate x larger volume = *too many crashes*

Industry-Level Collaboration

Engage [all](#) participants in identifying problems and developing and evaluating remedies

- Airlines
- Manufacturers
 - *With the systemwide effort*
 - *With their own end users*
- Air Traffic Organizations
- Labor
 - *Pilots*
 - *Mechanics*
 - *Air traffic controllers*
- Regulator(s)



Success Story

65% Decrease in Fatal Accident Rate,
1997 - 2007

largely because of
System Think

fueled by
***Proactive Safety
Information Programs***

P.S. Aviation was already considered **VERY SAFE** in 1997!!

P.P.S. The improvement occurred with ***no new regulations!***

Major Paradigm Shift

- **Old: The regulator identifies a problem, develops solutions**
 - Industry skeptical of regulator's understanding of the problem
 - Industry fights regulator's solution and/or implements it begrudgingly
- **New: Collaborative “System Think”**
 - Industry involved in indentifying problem
 - Industry “buy-in” re solution because everyone had input, everyone's interests considered
 - Prompt and willing implementation . . . *and tweaking*
 - Solution probably more effective and efficient
 - Unintended consequences much less likely



Challenges of Collaboration

- Requires all to be willing, in their enlightened self-interest, to leave their “comfort zone” and think of the System
- Not a democracy
 - Regulator must regulate
- Regulator probably not welcome
- Labor/Management issues between some participants
- Participants are potential co-defendants



**Does one size
fit all???**

Thank You!!!



Questions?